

East Lake Community Park- 24809 Wallick Road, Sorrento

- 1.01 SCOPE OF WORK: Provide all labor, materials, equipment, fuel and other incidental costs and supervision necessary to furnish & install 500 FT of 14 FT high black schedule 40 vinyl coated chain link fencing. All work and equipment shall be in strict compliance with the latest codes, standards and practices.

**Misc. Items to be noted:**

- Field verification by Contractor is recommended
- The Contractors installation, when completed, shall match the existing 14FT Black vinyl coated chain link fence.
- The existing galvanized perimeter fencing on wooden to remain.
- The new 14FT high fence to be installed behind the existing and temporary fence at the final location designated by Parks staff.
- All fencing is to be installed as shown on attached plan.

**Fence details for 14 FT High Fencing:**

Steel Chart for schedule of sizes of members is as follows:

Height of fence- 14 FT

Diameter of line posts- 3 ½ INCHES

Post spacing Max- 10 FT

Corner & End post-4 INCH diameter

Top Rail- 1 5/8 INCH diameter

Upper & Lower Mid Rail- 2 5/8 INCH diameter

Bottom Rail- 1 5/8 INCH diameter

Depth of post into curb & footing (line post & end / gate/ corner post)- 3' 2"

Horizontal Braces at corner & end posts- 2 @ 1 5/8 INCH

Diagonal Braces – ½ INCH diameter

Tie wire, #6 W & M gauge aluminum ties @ 15 INCH o.c. for rails

Ties to be 12 INCH apart on posts. End of ties should be wound in a telegraph trust, 2 ½ turns.

**Note: Mesh to be placed on the inside of the Park. All hardware shall be painted black & all bolts shall be cut back with less than 3 threads exposed. Trimming, Pruning & Proper disposal of debris part of this bid.**

1.02 SUBMITTALS:

- A. Submit product data/specification and shop drawings to Park and Trails Division for review and approval of all items of work.

- B. All submittals to be approved by Parks and Trails Division prior to contractor delivering materials to site.

FIELD CONDITIONS: Verify and coordinate all work to field locations and dimensions.

## PART III – EXECUTION

### 3.01 WORKMANSHIP:

- A. All furnishings described herein shall be installed by qualified tradesman. All installation work and materials to be per manufacturer's specifications, or as directed by the Owner's Representative.
- B. All work and materials are subject to the approval of the County.
- C. All products shall be inspected by the County for damage and chipped or marred finish. Contractor shall replace any damaged or rejected products at no conditional cost to the owner. The owner's representative may at his option authorize acceptance of chipped or scratched painted surfaces repaired by contractor at his own risk.

### 3.1 INSTALLATION

- A. Install furnishing in locations as indicated on the plans and details. Assure that all furnishings are installed plumb and level and in accordance with the plans and details.
- B. Install as per manufacturer's specifications

### 3.2 ACCEPTANCE

- A. The County will review each installation to determine compliance with plans and specifications prior to final acceptance of the work.
- B. Any work not installed in accordance with the plans and specifications and rejected by the County shall be removed and replaced at the Contractor's expense.

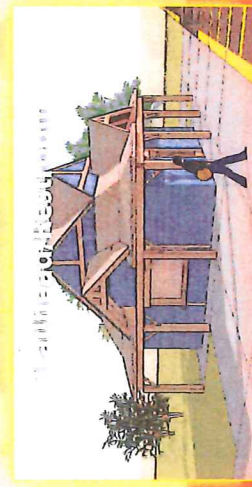
### 3.3 CLEANING

- A. Perform cleaning during installation of the work and upon completion of the work. Remove from site all excess materials, soil, debris, and equipment.



# East Lake Community Park

work Area



TOTAL ACRES: 34

## SITE DIRECTORY

**P** Parking

Multi-Use Trail

Restroom

Exercise Station

Pavilion

Playground

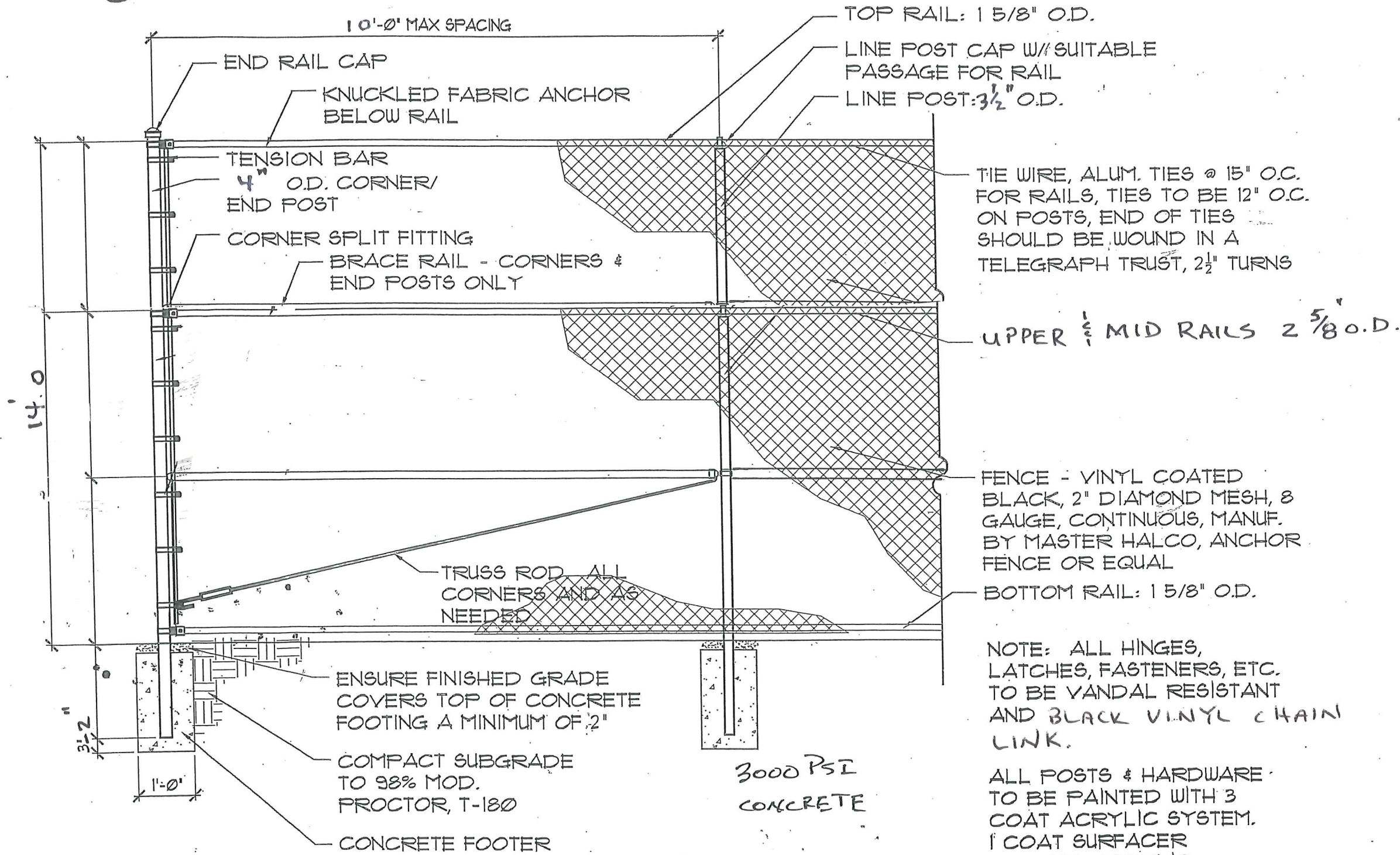
Dog Park

Concession

Batting Cages



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CHAINLINK FENCE DETAIL

## 2 CORNER FITTING

SCALE: HALF SCALE

#14 STAINLESS STEEL  
DRIVE SCREWS

NOTE: EACH CORNER  
FITTING TO BE  
ATTACHED TO  
CORNER POST WITH  
TWO STAINLESS  
STEEL DRIVE SCREWS.  
(ONE DRIVE SCREW  
FOR EACH HALF OF  
CORNER FITTING)

ELEVATION

CORNER FITTINGS  
CAN BE SET AT  
ANY ANGLE

SPLIT FITTINGS -  $\frac{3}{16}$ "  
MINIMUM THICKNESS

$\frac{3}{8}$ " CARRIAGE BOLT

#14 STAINLESS DRIVE SCREWS  
ON BOTH HALVES OF SPLIT  
FITTING

PLAN

## 3 BOULEVARD

SCALE: HALF SCALE

OUTSIDE DIA. POST  
SEE SCHEDULE

$\frac{3}{8}$ " DIA. CARRIAGE  
BOLTS

BOULEVARD -  
SPLIT FITTING  
 $\frac{3}{16}$ " MIN.  
THICKNESS

$1\frac{5}{8}$ " DIA. RAIL

$1\frac{3}{4}$ "

VARIES

$1\frac{3}{4}$ "

PLAN

ALL CORNERS TO  
BE ROUNDED

NOTE:

A =  $1\frac{3}{4}$ " FOR 2" -  $4\frac{1}{2}$ " O.D. POST

B =  $1\frac{5}{8}$ " FOR 2" O.D. OR SMALLER POST

C =  $2\frac{1}{2}$ " NOM. O.D. OR LARGER - 2 BOLTS  
REQUIRED

## 4 END FITTING

SCALE: HALF SCALE

OUTSIDE DIA.  
END POST

SPLIT FITTING  $\frac{3}{16}$ "  
MIN. THICKNESS

$\frac{3}{8}$ " CARRIAGE BOLT

$1\frac{5}{8}$ " DIA. RAIL

TWO #14 S.S.  
DRIVE SCREWS

PLAN

NOTE: MINIMUM WIDTH OF  
END FITTING TO BE  $2\frac{1}{4}$ "

## 5 TOP RAIL COUPLING

SCALE: HALF SCALE

$\frac{1}{4}$ " DIAMETER RIVET

COUPLING -  
PIPE -  $\frac{1}{8}$ " MINIMUM THICKNESS

STEEL  
PIPE

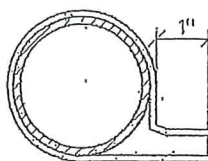
$1\frac{5}{8}$ " DIAMETER TOP RAIL

ELEVATION

NOTE:  
FURNISH ONE COUPLING FOR  
EACH LENGTH OF PIPE IN TOP  
RAIL - FULL LENGTH OF PIPE  
EQUALS 21'-0"

## 6 TENSION MEMBERS

SCALE: HALF SCALE



$\frac{3}{8}$ " DIA. CARRIAGE BOLT

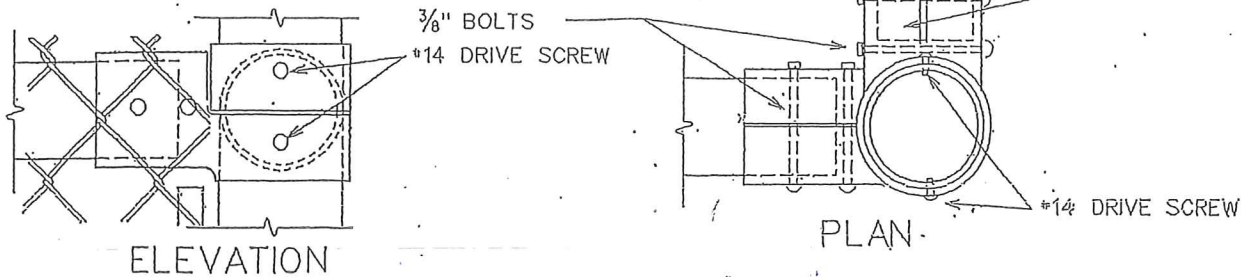
TENSION BAND - 1" WIDE,  
 $\frac{1}{8}$ " THICK

TENSION BAR -  $\frac{3}{4}$ " WIDE,  
 $\frac{1}{4}$ " THICK FOR 2" -  $1\frac{3}{4}$ " MESH  
 $\frac{3}{4}$ " WIDE X  $\frac{3}{16}$ " THICK OR  $\frac{3}{8}$ " DIA. S.  
FOR 1" MESH

PLAN



7 CORNER SPLIT FITTING  
SCALE: 3"=1'-0"



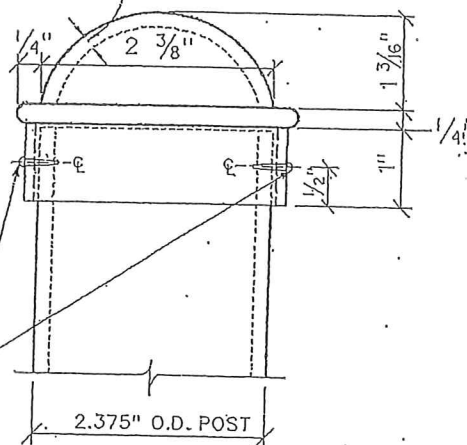
8 SMALL POST CAP  
SCALE: FULL SCALE

WALL THICKNESS  $\frac{3}{16}$ " THROUGHOUT

NOTE: POST CAP IS TO BE OF MALLEABLE IRON OR PRESSED STEEL.

CAP TOP FOR 3'-6" AND 4'-0" HIGH FENCE TO BE A SMOOTH "DOME" SHAPE. FOR 6'-0" HIGH FENCES, POST CAPS CAN BE "DOME" OR "BULLET" SHAPED.

POST CAP IS TO FIT SNUGLY OVER POST AND IS TO BE FIXED IN PLACE WITH TWO #14 STAINLESS STEEL DRIVE OR SET SCREWS.



9 END, CORNER, & GATE POST CAP  
SCALE: FULL SCALE

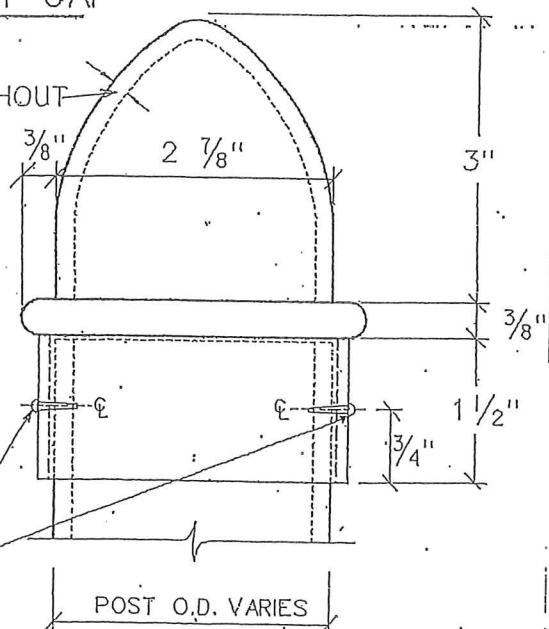
WALL THICKNESS  $\frac{3}{16}$ " THROUGHOUT

NOTE: POST CAP IS TO BE OF MALLEABLE IRON.

FOR 4" OUTSIDE DIAMETER POST, POST CAP SHALL POSSESS DIMENSIONS THAT ARE IN PROPORTION TO DIMENSIONS BELOW FOR 2 7/8" OUTSIDE DIAMETER POST CAP.

CAP TOPS FOR 3" OUTSIDE DIA. AND 4" OUTSIDE DIA. POSTS ARE TO POSSESS A SMOOTH "BULLET" SHAPE. FOR 2 1/2" OUTSIDE DIA. POST CAP - SEE DETAIL 9

POST CAP IS TO FIT SNUGLY OVER POST AND IS TO BE FIXED IN PLACE WITH TWO #14 STAINLESS STEEL DRIVE OR SET SCREWS.



# 10 POST LINE TOP

SCALE: FULL SCALE

NOTE: WIDTH OF LINE TOP OVAL TO BE MINIMUM OF  $\frac{5}{8}$ " AND A MAXIMUM OF  $\frac{7}{8}$ ". LINE TOP IS TO BE OF MALLEABLE IRON.

INSIDE OF LINE TOP OVAL IS TO BE ALIGNED WITH OUTSIDE WALL OF LINE POST. CHAIN LINK MESH MUST BE STRAIGHT FROM LINE POST TO TOP RAIL.

WALL THICKNESS TO BE  $\frac{3}{16}$ " THROUGHOUT

$1\frac{5}{8}$ " DIA. TOP RAIL

POST CAP IS TO FIT SNUGLY OVER POST AND IS TO BE FIXED IN PLACE WITH TWO # 14 STAINLESS STEEL DRIVE OR SET SCREWS.

